

What is claimed is:

1. A server system that processes an incoming request for information from a user over network, the server system comprising:
 - one or more source servers that store information;
 - 5 a first server, communicatively coupled to the one or more source servers and to the network; that receives the incoming request from the network; and the first server testing the the incoming request for an indicia contained within the request that the request is not proper for the source servers to respond to the request, and passing the incoming request to the one or more source
 - 10 servers when the incoming request is valid.
2. The system of claim 1, the one or more source servers transmitting information to the first server in response to the incoming request; and the first server retransmitting the information to the user.
- 15 3. The system of claim 1 wherein the first server does not pass the incoming request to the one or more source servers when the incoming request is an indicia that the request is not proper for the source servers to respond to the request.
- 20 4. The system of claim 1 wherein an incoming request is detemined to be not proper when the when the request is for access to a particular resource.
5. A computing system that preprocesses and monitors incoming requests
- 25 for information from a user over network, the information stored on one or more

source servers communicatively coupled to the computing system, the computing system comprising:

a network input port that receives the request;

a source server port, communicatively coupled to the one or more source servers, that transmits information to and from the source servers;

a intrusion detection mechanism communicatively coupled to the network input port;

the intrusion detection mechanism receiving the incoming request from the network and checking the the incoming request for indicia of an improper request from information associated with the incoming request;

the intrusion detection mechanism transmitting the incoming request to the one or more source servers when the indicia associated with the incoming request is valid.

6. The system of claim 5, the one or more source servers transmitting information to the source server port in response to the incoming request; and the system retransmitting the information to the user.

7. The system of claim 5 wherein the intrusion detection mechanism does not pass the incoming request to the one or more source servers when the incoming request has an indicia that it is not proper.

8. The system of claim 5 wherein an incoming request has an indicia that it is not proper when requesting access to a particular resource.

receiving the request on the computing system;

selectively not transmitting the incoming request to the one or more

10 10. The method of claim 9 wherein the step of determining is performed by a software resident on the computing system.

15 transmitting information from the one or more source servers to the
computer system in response to the incoming request; and
the computing system retransmitting the information to the user.

12. The method of claim 9 wherein an incoming request is contains indicia of
20 not being proper when requesting access to a particular resource.

13. A computer program product on a computer usable medium, the
computer usable medium having a computer usable program embodied therein
for preprocessing an incoming request for information from a user over network,
25 the information stored on one or more source servers communicatively coupled

to a computing system, the computer usable program including:

instructions for receiving the request on the computing system;

5 instructions for determining if the incoming request contains indicia of not being proper;

instructions for selectively transmitting the incoming request to the one or more source servers when the incoming request contains indicia of being proper.

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14. The computer program product of claim 13 wherein the instructions for determining are performed by a software resident on the computing system.

15. The computer program product of claim 13 further comprising:

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instructions for transmitting information from the one or more source servers to the computer system in response to the incoming request; and

the computing system having instructions for retransmitting the

20 information to the user.

16. The computer program product of claim 13 wherein an incoming request is invalid when requesting access to a particular resource.

25 17. A server system that processes an incoming request for information from

a user over network, the server system comprising:

one or more source servers that store information;

a first server, communicatively coupled to the one or more source servers and to the network; that receives the incoming request from the network; and

5 the first server detecting an intrusion of the incoming request in the context of prior requests and based on indicia of the incoming request being proper, such indicia being associated with the incoming request, and

the first server passing the incoming request to the one or more source servers when the indicia associated with the incoming request indicates that the
10 incoming request is proper.

18. The server of claim 17, wherein the context of prior requests comprises requests for the same information.

15 19. The server of claim 17, wherein the context of prior requests comprises requests for different information from a common computing device coupled over the network.

20. The server of claim 17, wherein the context of prior requests is based on a
20 number of requests for the same information.

21. The server of claim 17, wherein the context of prior requests is based on a number of requests from a particular IP address.

25 22. The server of claim 17, wherein the context of prior requests is based on a

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number of requests for information from a particular IP address in a particular amount of time.

09/24/2004 09:04